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AMMUNITION AND COMPONENTS

TECHNICAL INFORMATION

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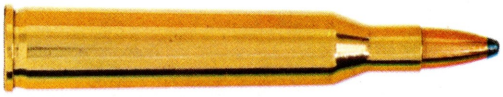
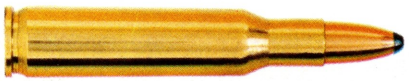
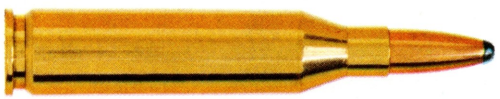
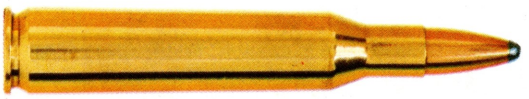
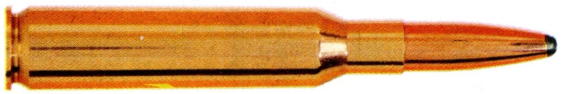
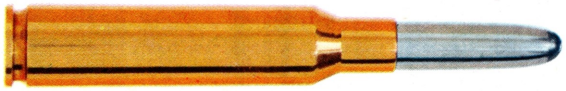
CENTERFIRE RIFLE CARTRIDGES AND BRASS CASES

			Bullet weight grains	Bullet weight grams	Bullet index no.	Case index no.	Velocity – Feet per sec. Muzzle	100 yds	200 yds	300 yds
22 HORNET	Index no. 251	Soft point semi pointed	45	2.9	679	844	2690	2030	1510	1150
										
220 SWIFT	Index no. 1	Soft point semi pointed	50	3.2	607	751	4110	3611	3133	2681
	Index no. 2	Full jacket semi pointed	50	3.2	608	751	4110	3460	2850	2295
										
222 REM.	Index no. 3	Soft point semi pointed	50	3.2	607	752	3200	2650	2170	1750
	Index no. 4	Full jacket semi pointed	50	3.2	608	752	3200	2610	2080	1630
223	Index no. 234	Soft point semi pointed	55	3.6	609	817	3300	2900	2520	2160
22-250	Index no. 230	Soft point semi pointed	50	3.2	607	810	3800	3300	2810	2350
	Index no. 231	Soft point semi pointed	55	3.6	609	810	3650	3200	2780	2400
										
243 WIN.	Index no. 266	Soft point semi pointed	80	5.2	699	753	3500	3080	2720	2410
	Index no. 148	Full jacket semi pointed Ⓣ	100	6.5	565	753	3070	2790	2540	2320
	Index no. 151	Soft point semi pointed Ⓣ	100	6.5	566	753	3070	2790	2540	2320
6 MM REM.	Index no. 228	Soft point semi pointed Ⓣ	100	6.5	566	828	3190	2920	2660	2420
250 SAVAGE	Index no. 9	Soft point semi pointed Ⓣ	87	5.6	505	755	3030	2660	2330	2060
	Index no. 10	Soft point semi pointed Ⓣ	100	6.5	506	755	2820	2514	2223	1956
										
257 ROBERTS	Index no. 12*	Soft point semi pointed Ⓣ	120	7.8	507	756*	2650	2405	2177	1964
6.5 JAP.	Index no. 13	Soft point semi pointed boattail	139	9.0	618	757	2428	2280	2130	1990
	Index no. 14	Soft point round nose Ⓣ	156	10.1	509	757	2067	1871	1692	1529

Ⓣ = Norma TRI-CLAD® bullet, a soft steel jacket covered with gilding metal or nickel alloy on both sides preventing corrosion and barrel wear.
* = Sold until stock exhausted.

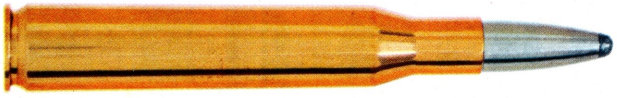


		Bullet weight grains	Bullet weight grams	Bullet index no.	Case index no.	Velocity – Feet per sec. Muzzle	100 yds	200 yds	300 yds
6.5×54 MS	Index no. 15* Soft point semi pointed Ⓣ	77	5.0	510	758	3116	2731	2369	2036
	Index no. 16 Soft point semi pointed boattail	139	9.0	618	758	2575	2420	2270	2120
	Index no. 163 Full jacket pointed boattail Ⓣ	139	9.0	512	758	2575	2420	2270	2120
	Index no. 17 Soft point round nose Ⓣ	156	10.1	509	758	2461	2240	2033	1840
	Index no. 164* Full jacket round nose Ⓣ	156	10.1	513	758	2461	2240	2033	1840

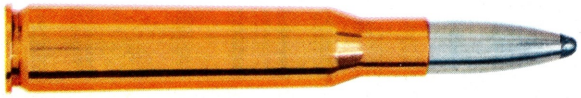


6.5 CARCANO	Index no. 233 Soft point round nose Ⓣ	156	10.1	509	829	2000	1810	1640	1485

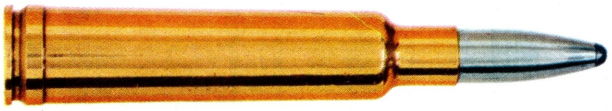
6.5×55	Index no. 105* Soft point semi pointed Ⓣ	77	5.0	510	759	3116	2730	2370	2040
	Index no. 20 Soft point semi pointed boattail	139	9.0	618	759	2788	2630	2470	2320
	Index no. 22 Soft point round nose Ⓣ	156	10.1	509	759	2493	2271	2062	1867



270 WIN.	Index no. 24 Soft point semi pointed	110	7.1	621	760	3250	2966	2694	2435
	Index no. 25 Soft point semi pointed boattail Ⓣ	130	8.4	515	760	3140	2884	2639	2404
	Index no. 26* Hollow point boattail Ⓣ	130	8.4	516	760	3140	2884	2639	2404
	Index no. 28 Soft point semi pointed boattail Ⓣ	150	9.7	518	760	2800	2616	2436	2262
	Index no. 161 Full jacket pointed boattail Ⓣ	150	9.7	572	760	2800	2616	2436	2262

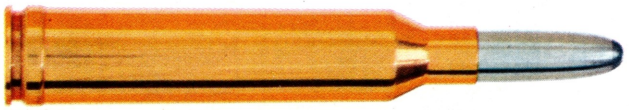


7×57	Index no. 29 Soft point semi pointed	110	7.1	624	761	3067	2792	2528	2277
	Index no. 30 Soft point semi pointed boattail Ⓣ	150	9.7	520	761	2756	2539	2331	2133
	Index no. 31* Full jacket pointed boattail Ⓣ	150	9.7	521	761	2756	2539	2331	2133
	Index no. 32 Soft point round nose Ⓣ	175	11.3	522	761	2490	2170	1900	1680



SUPER 7×61	Index no. 257 Soft point semi pointed boattail Ⓣ	160	10.4	523	847	3150[1]	2973	2801	2634

[1]) 26 inch barrel



7 MM REM. MAGNUM	Index no. 240 Soft point semi pointed boattail Ⓣ	150	9.7	520	826	3260[1]	2970	2700	2450
	Index no. 124* Soft point "Nosler"	175	11.3	654	826	3070[1]	2900	2740	2590
	Index no. 241 Soft point round nose Ⓣ	175	11.3	522	826	3020[1]	2720	2400	2120

[1]) 26 inch barrel

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* = Sold until stock exhausted.

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CENTERFIRE RIFLE CARTRIDGES AND BRASS CASES

			Bullet weight grains	Bullet weight grams	Bullet index no.	Case index no.	Velocity – Feet per sec. Muzzle	100 yds	200 yds	300 yds
30 US CARBINE	Index no. 34	Full jacket round nose Ⓣ	110	7.1	525	763	1970[1]	1595	1300	1090
	Index no. 35	Soft point round nose Ⓣ	110	7.1	524	763	1970[1]	1595	1300	1090
			[1]) 18 inch barrel							
30-30 WIN.	Index no. 193	Soft point flat nose	150	9.7	631	764	2410	2075	1790	1550
	Index no. 37	Soft point flat nose	170	11.0	633	764	2220	1890	1630	1410
308 NORMA MAGNUM	Index no. 179	Soft point "Dual-Core" Ⓣ	180	11.6	578	811	3100	2881	2668	2464
308 WIN.	Index no. 143	Soft point semi pointed boattail Ⓣ	130	8.4	529	765	2900	2590	2300	2030
	Index no. 38	Soft point semi pointed boattail	150	9.7	630	765	2860	2570	2300	2050
	Index no. 39	Soft point semi pointed boattail Ⓣ	180	11.6	528	765	2610	2400	2210	2020
	Index no. 236	Soft point "Dual-Core" Ⓣ	180	11.6	578	765	2610	2400	2210	2020
7.62 RUSSIAN	Index no. 214	Soft point semi pointed boattail Ⓣ	180	11.6	528	819	2624	2415	2222	2030
30-06	Index no. 40	Soft point semi pointed boattail Ⓣ	130	8.4	529	766	3280	2951	2636	2338
	Index no. 42	Full jacket pointed boattail Ⓣ	130	8.4	530	766	3280	2951	2636	2338
	Index no. 43	Soft point semi pointed boattail	150	9.7	630	766	2970	2680	2402	2141
	Index no. 213*	Soft point "Nosler"	150	9.7	601	766	2970	2680	2402	2141
	Index no. 45	Soft point semi pointed boattail Ⓣ	180	11.6	528	766	2700	2494	2296	2109
	Index no. 235	Soft point "Dual-Core" Ⓣ	180	11.6	578	766	2700	2494	2296	2109
	Index no. 48	Soft point round nose Ⓣ	220	14.2	534	766	2410	2197	1996	1809
	Index no. 49*	Full jacket round nose boattail Ⓣ	220	14.2	535	766	2410	2197	1996	1809
300 H&H	Index no. 50*	Soft point semi pointed boattail Ⓣ	180	11.6	528	767*	2920	2706	2500	2297
	Index no. 51*	Hollow point boattail Ⓣ	180	11.6	532	767*	2920	2706	2500	2297
	Index no. 53*	Soft point round nose Ⓣ	220	14.2	534	767*	2620	2400	2170	1986
	Index no. 54*	Full jacket round nose boattail Ⓣ	220	14.2	535	767*	2620	2400	2170	1986
7.65 ARG.	Index no. 187	Soft point semi pointed Ⓣ	150	9.7	564	815	2920	2630	2355	2105

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CENTERFIRE RIFLE CARTRIDGES AND BRASS CASES

		Bullet weight grains	Bullet weight grams	Bullet index no.	Case index no.	Velocity – Feet per sec. Muzzle	100 yds	200 yds	300 yds
303 BRITISH	Index no. 55 Soft point semi pointed Ⓣ	130	8.4	536	768	2790	2483	2195	1929
	Index no. 147 Soft point semi pointed Ⓣ	150	9.7	564	768	2720	2440	2170	1930
	Index no. 56 Soft point semi pointed boattail Ⓣ	180	11.6	537	768	2540	2340	2147	1965
7.7 JAP.	Index no. 110 Soft point semi pointed Ⓣ	130	8.4	536	769	2952	2635	2340	2065
	Index no. 58 Soft point semi pointed boattail Ⓣ	180	11.6	537	769	2493	2292	2101	1922
8×57 JR	Index no. 61* Soft point round nose Ⓣ	196	12.7	539	770*	2362	2045	1761	1513
8×57 JS	Index no. 63 Soft point semi pointed	123	8.0	637	772	2888	2515	2170	1857
	Index no. 267 Soft point semi pointed boattail Ⓣ	165	10.7	648	772	2855	2563	2285	2028
	Index no. 65 Soft point round nose Ⓣ	196	12.7	540	772	2526	2195	1894	1627
	Index no. 67 Hollow point boattail Ⓣ	198	12.8	544	772	2624	2416	2216	2028
	Index no. 069* Soft point round nose Ⓣ	227	14.7	546	772	2329	2085	1855	1650
8×57 J	Index no. 60 Soft point round nose Ⓣ	196	12.7	539	786	2526	2195	1894	1627
358 NORMA MAGNUM	Index no. 152 Soft point semi pointed Ⓣ	250	16.2	548	796	2800	2493	2231	2001
358 WIN.	Index no. 71* Soft point semi pointed Ⓣ	200	13.0	547	774	2530	2210	1910	1640
	Index no. 72* Soft point semi pointed Ⓣ	250	16.2	548	774	2250	2010	1780	1570
9.3×57	Index no. 074 Soft point round nose Ⓣ	286	18.5	550	775	2067	1818	1595	1404
9.3×62	Index no. 75* Hollow point boattail Ⓣ	232	15.0	549	776	2624	2304	2009	1742
	Index no. 077 Soft point round nose Ⓣ	286	18.5	550	776	2362	2088	1873	1612
375 H&H	Index no. 84* Soft point semi pointed Ⓣ	270	17.5	640	778*	2740	2459	2207	1987
	Index no. 85* Soft point semi pointed Ⓣ	300	19.4	641	778*	2550	2280	2040	1830

Ⓣ=Norma TRI-CLAD® bullet, a soft steel jacket covered with gilding metal or nickel alloy on both sides preventing corrosion and barrel wear.
*=Sold until stock exhausted.

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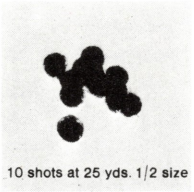
CENTERFIRE PISTOL- & REVOLVER CARTRIDGES AND CASES

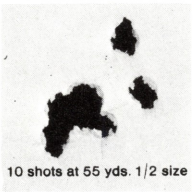
25 ACP FULL JACKET

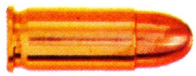
Cartr. index no. 252 - 50 grains (3.2 grams)
Bullet index no. 680 - Case index no. 845
MV 810 F/S - ME 100 FP - Barr. length 2.0


10 shots at 25 yds. 1/2 size

30 LUGER FULL JACKET Ⓣ

Cartr. index no. 88 - 93 grains (6.0 grams)
Bullet index no. 556 - Case index no. 780
MV 1230 F/S - ME 312 FP - Barr. length 4.7


10 shots at 55 yds. 1/2 size



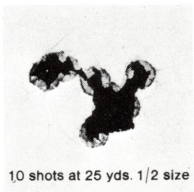
32 ACP FULL JACKET Ⓣ

Cartr. index no. 86 - 77 grains (5.0 grams)
Bullet index no. 555 - Case index no. 779
MV 900 F/S - ME 139 FP - Barr. length 4.0

10 shots at 25 yds. 1/2 size

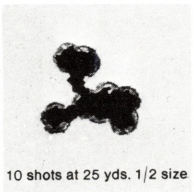
32 S&W LEAD

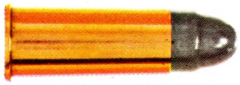
Cartr. index no. 265 - 85 grains (5.5 grams)
Bullet index no. 698 - Case index no. 851
MV 680 F/S - ME 87 FP - Barr. length 3.0


10 shots at 25 yds. 1/2 size

32 S&W LONG LEAD

Cartr. index no. 253 - 98 grains (6.4 grams)
Bullet index no. 681 - Case index no. 846
MV 705 F/S - ME 108 FP - Barr. length 4.0

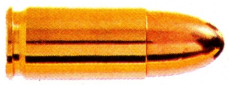

10 shots at 25 yds. 1/2 size



7.5 NAGANT LEAD

Cartr. index no. 186* - 104 grains (6.7 grams)
Bullet index no. 592 - Case index no. 800*
MV 722 F/S - ME 123 FP - Barr. length 4.5

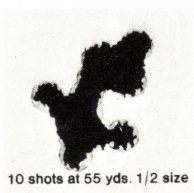
10 shots at 25 yds. 1/2 size

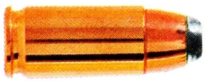


NEW

9 MM LUGER ARMOUR PIERCING Ⓣ

Cartr. index no. 211 - 104 grains (6.7 grams)
Bullet index no. 569 - Case index no. 781
MV 1260 F/S - ME 367 FP - Barr. length 4.7

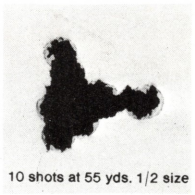

10 shots at 55 yds. 1/2 size

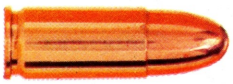


NEW

9 MM LUGER HOLLOW POINT Ⓣ

Cartr. index no. 173 - 115 grains (7.4 grams)
Bullet index no. 696 - Case index no. 781
MV 1165 F/S - ME 350 FP - Barr. length 4.7

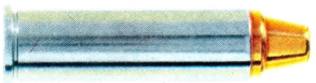

10 shots at 55 yds. 1/2 size



9 MM LUGER FULL JACKET Ⓣ

Cartr. index no. 91 - 116 grains (7.5 grams)
Bullet index no. 557 - Case index no. 781
MV 1165 F/S - ME 350 FP - Barr. length 4.7

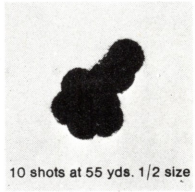
10 shots at 55 yds. 1/2 size

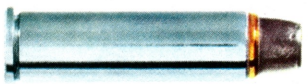


NEW

357 MAGNUM FULL JACKET

Cartr. index no. 268 - 158 grains (10.2 grams)
Bullet index no. 651 - Case index no. 853
MV 1450 F/S - ME 735 FP - Barr. length 8 3/8

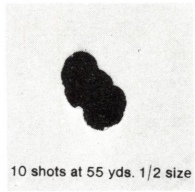

10 shots at 55 yds. 1/2 size

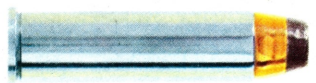


NEW

357 MAGNUM SOFT POINT

Cartr. index no. 272 - 158 grains (10.2 grams)
Bullet index no. 576 - Case index no. 853
MV 1450 F/S - ME 735 FP - Barr. length 8 3/8

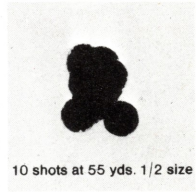

10 shots at 55 yds. 1/2 size



NEW

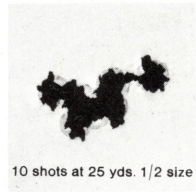
357 MAGNUM HOLLOW POINT

Cartr. index no. 273 - 158 grains (10.2 grams)
Bullet index no. 689 - Case index no. 853
MV 1450 F/S - ME 735 FP - Barr. length 8 3/8


10 shots at 55 yds. 1/2 size

380 ACP FULL JACKET Ⓣ

Cartr. index no. 260 - 95 grains (6.1 grams)
Bullet index no. 646 - Case index no. 849
MV 955 F/S - ME 190 FP - Barr. length 3 3/4

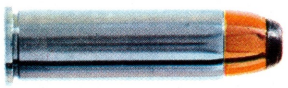

10 shots at 25 yds. 1/2 size

Abbreviations: MV = Muzzle velocity. F/S = Feet per second. ME = Muzzle energy. FP = Foot pounds.

* = Sold until stock exhausted.

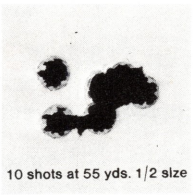
** = Special carbine load, case cannelured for identification.

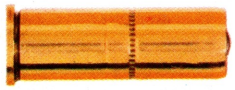
Ⓣ = Norma TRI-CLAD® bullet, a soft steel jacket covered with gilding metal or nickel alloy on both sides preventing corrosion and barrel wear.


NEW

38 SPECIAL HOLLOW POINT Ⓣ

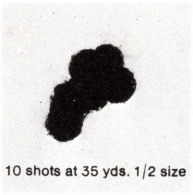
Cartr. index no. 274 - 110 grains (7.1 grams)
Bullet index no. 650 - Case index no. 852
MV 1542 F/S - ME 580 FP - Barr. length 6.0

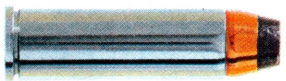

10 shots at 55 yds. 1/2 size



38 SPECIAL LEAD WADCUTTER

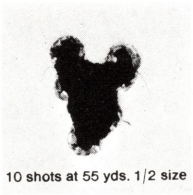
Cartr. index no. 96 - 148 grains (9.6 grams)
Bullet index no. 558 - Case index no. 782
MV 800 F/S - ME 210 FP - Barr. length 6.0

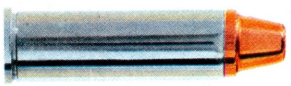

10 shots at 35 yds. 1/2 size


NEW

38 SPECIAL HOLLOW POINT

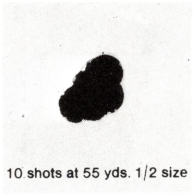
Cartr. index no. 269 - 158 grains (10.2 grams)
Bullet index no. 689 - Case index no. 852
MV 900 F/S - ME 285 FP - Barr. length 6.0

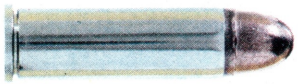

10 shots at 55 yds. 1/2 size


NEW

38 SPECIAL FULL JACKET

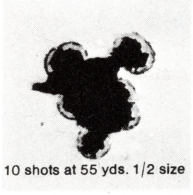
Cartr. index no. 270 - 158 grains (10.2 grams)
Bullet index no. 651 - Case index no. 852
MV 900 F/S - ME 285 FP - Barr. length 6.0

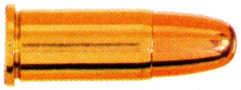

10 shots at 55 yds. 1/2 size


NEW

38 SPECIAL LEAD

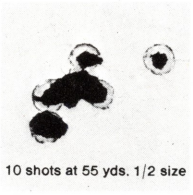
Cartr. index no. 271 - 158 grains (10.2 grams)
Bullet index no. 559 - Case index no. 852
MV 870 F/S - ME 266 FP - Barr. length 6.0

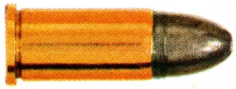

10 shots at 55 yds. 1/2 size



380 MK II FULL JACKET

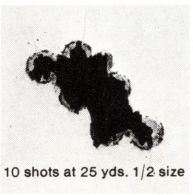
Cartr. index no. 263 - 180 grains (11.6 grams)
Bullet index no. 658 - Case index no. 816
MV 620 F/S - ME 153 FP - Barr. length 5.0

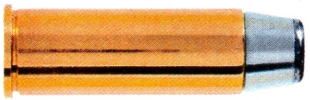

10 shots at 55 yds. 1/2 size



38 S&W LEAD

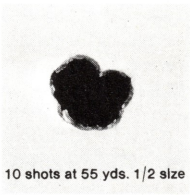
Cartr. index no. 216 - 146 grains (9.5 grams)
Bullet index no. 605 - Case index no. 820
MV 730 F/S - ME 173 FP - Barr. length 4.0

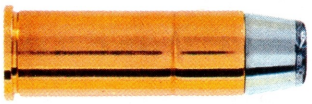

10 shots at 25 yds. 1/2 size


NEW

44 MAGNUM HOLLOW POINT Ⓣ

Cartr. index no. 166 - 236 grains (15.3 grams)
Bullet index no. 690 - Case index no. 808
MV 1675 F/S - ME 1476 FP - Barr. length 18.5


10 shots at 55 yds. 1/2 size


NEW

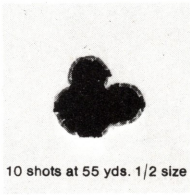
44 MAGNUM HOLLOW POINT** Ⓣ

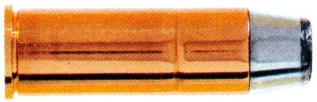
Cartr. index no. 168 - 236 grains (15.3 grams)
Bullet index no. 690 - Case index no. 808
MV 1705 F/S - ME 1526 FP - Barr. length 18.5

10 shots at 55 yds. 1/2 size

44 MAGNUM SOFT POINT Ⓣ

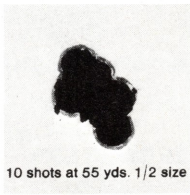
Cartr. index no. 175 - 240 grains (15.6 grams)
Bullet index no. 577 - Case index no. 808
MV 1675 F/S - ME 1496 FP - Barr. length 18.5

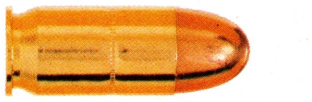

10 shots at 55 yds. 1/2 size



44 MAGNUM SOFT POINT** Ⓣ

Cartr. index no. 176 - 240 grains (15.6 grams)
Bullet index no. 577 - Case index no. 808
MV 1705 F/S - ME 1550 FP - Barr. length 18.5

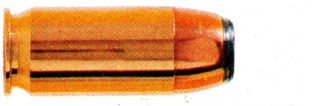

10 shots at 55 yds. 1/2 size


NEW

45 ACP FULL JACKET Ⓣ

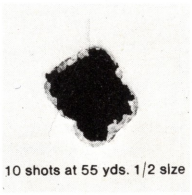
Cartr. index no. 261 - 230 grains (14.9 grams)
Bullet index no. 691 - Case index no. 850
MV 850 F/S - ME 370 FP - Barr. length 5.0

10 shots at 55 yds. 1/2 size


NEW

45 ACP HOLLOW POINT Ⓣ

Cartr. index no. 264 - 230 grains (14.9 grams)
Bullet index no. 692 - Case index no. 850
MV 850 F/S - ME 370 FP - Barr. length 5.0

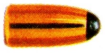

10 shots at 55 yds. 1/2 size

norma

TARGET AND HUNTING BULLETS

The super accurate Norma bullets come in a great variety of calibers and styles, covering the entire range from the smallest varmint to the heaviest bear or moose, — and targets at all ranges.

22 CAL. (.223)



No. 679 — 45 grains

22 CAL. (.224)

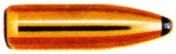
No. 607 — 50 grains

No. 608 — 50 grains

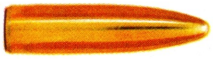
No. 609 — 55 grains

No. 659 — 55 grains

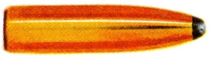
6 MM (.243)



No. 699 — 80 grains

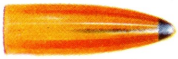


No. 565 — 100 grains Ⓣ

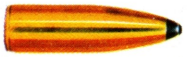


No. 566 — 100 grains Ⓣ

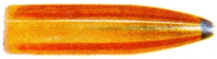
25 CAL. (.257)



No. 505 — 87 grains Ⓣ

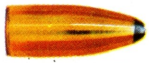


No. 506 — 100 grains Ⓣ



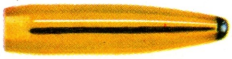
No. 507 — 120 grains Ⓣ

6.5 MM (.264)



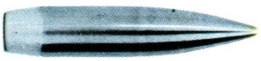
No. 510 — 77 grains

No. 660 — 80 grains Ⓣ

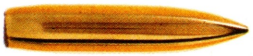


No. 618 — 139 grains

6.5 MM (.264)



No. 512 — 139 grains Ⓣ

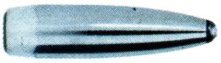


No. 594 — 144 grains Ⓣ

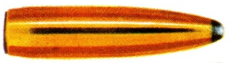
No. 509 — 156 grains Ⓣ

270 CAL. (.277)

No. 621 — 110 grains



No. 515 — 130 grains Ⓣ

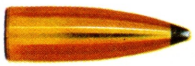


No. 518 — 150 grains Ⓣ

No. 572 — 150 grains Ⓣ

No. 591 — 154 grains Ⓣ *

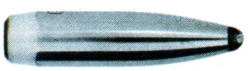
7 MM (.283)



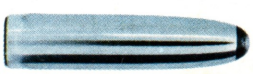
No. 624 — 110 grains

No. 520 — 150 grains Ⓣ

No. 521 — 150 grains Ⓣ *

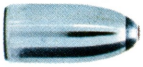


No. 523 — 160 grains Ⓣ



No. 522 — 175 grains Ⓣ

30 CAL. (.308)



No. 524 — 110 grains Ⓣ

No. 525 — 110 grains Ⓣ

No. 529 — 130 grains Ⓣ

No. 530 — 130 grains Ⓣ

No. 656 — 146 grains Ⓣ

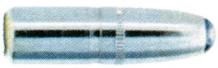
No. 631 — 150 grains

No. 630 — 150 grains

No. 633 — 170 grains

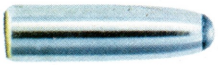
No. 634 — 180 grains

DUAL-CORE®

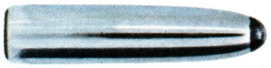


No. 575 — 180 grains Ⓣ

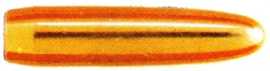
No. 578 — 180 grains Ⓣ



No. 583 — 180 grains Ⓣ



No. 534 — 220 grains Ⓣ



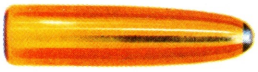
No. 535 — 220 grains Ⓣ *

303 CAL. (.311)

No. 536 — 130 grains Ⓣ

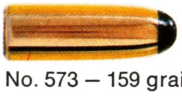
No. 564 — 150 grains Ⓣ

No. 537 — 180 grains Ⓣ

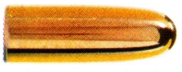


No. 538 — 215 grains Ⓣ *

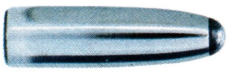
8 MM (.318)



No. 573 — 159 grains Ⓣ *



No. 580 — 159 grains Ⓣ *



No. 539 — 196 grains Ⓣ

No. 579 — 196 grains Ⓣ *

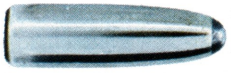
8 MM S (.323)

No. 637 — 123 grains

No. 688 — 154 grains

No. 542 — 159 grains Ⓣ *

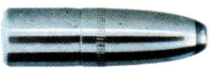
No. 648 — 165 grains Ⓣ



No. 540 — 196 grains Ⓣ

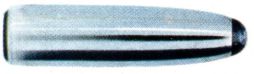
8 MM S (.323)

DUAL-CORE®



No. 570 — 196 grains Ⓣ

No. 544 — 198 grains Ⓣ



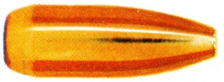
No. 546 — 227 grains Ⓣ *

35 CAL. (.358)

No. 547 — 200 grains Ⓣ

No. 548 — 250 grains Ⓣ

9.3 MM (.365)

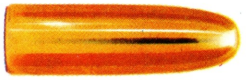


No. 549 — 232 grains Ⓣ

DUAL-CORE®

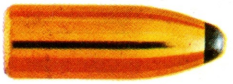
No. 571 — 232 grains Ⓣ

No. 550 — 286 grains Ⓣ

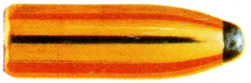


No. 552 — 286 grains Ⓣ

375 CAL. (.375)



No. 640 — 270 grains Ⓣ



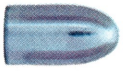
No. 641 — 300 grains Ⓣ

* = Sold until stock exhausted.
Ⓣ = Norma TRI-CLAD® bullet, a soft steel jacket covered with gilding metal or nickel alloy on both sides preventing corrosion and barrel wear.

norma CENTERFIRE PISTOL- & REVOLVER BULLETS

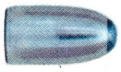
25 CAL. (.251 DIAM.)

No. 680 - Full jacket round nose
50 grains (3.2 grams)



30 CAL. (.308 DIAM.)

No. 556 - Full jacket round nose
93 grains (6.0 grams) Ⓣ



30 CAL. (.308 DIAM.)

No. 560 - Soft point round nose
93 grains (6.0 grams) Ⓣ

32 CAL. (.308 DIAM.)

No. 555 - Full jacket round nose
77 grains (5.0 grams) Ⓣ

32 CAL. (.314 DIAM.)

No. 698 - Lead round nose
85 grains (5.5 grams) ⊗

32 CAL. (.314 DIAM.)

No. 681 - Lead round nose
98 grains (6.4 grams)

7.5 MM (.327 DIAM.)

No. 592* - Lead round nose
104 grains (6.7 grams)

9 MM (.355 DIAM.)

No. 569 - Full jacket armour piercing
104 grains (6.7 grams) Ⓣ

9 MM (.355 DIAM.)

No. 696 - Hollow point
115 grains (7.5 grams) Ⓣ

9 MM (.355 DIAM.)

No. 557 - Full jacket round nose
116 grains (7.5 grams) Ⓣ

9 MM (.355 DIAM.)

No. 642 - Soft point round nose
116 grains (7.5 grams) Ⓣ

38 CAL. (.356 DIAM.)

No. 646 - Full jacket round nose
95 grains (6.1 grams) Ⓣ

38 CAL. (.357 DIAM.)

No. 650 - Hollow point
110 grains (7.1 grams)

38 CAL. (.357 DIAM.)

No. 558 - Lead wadcutter
148 grains (9.6 grams)

38 CAL. (.357 DIAM.)

No. 559 - Lead round nose
158 grains (10.2 grams)

38 CAL. (.357 DIAM.)

No. 576 - Soft point flat nose
158 grains (10.2 grams)

38 CAL. (.357 DIAM.)

No. 651 - Full jacket semi wadcutter
158 grains (10.2 grams)

38 CAL. (.357 DIAM.)

No. 689 - Hollow point
158 grains (10.2 grams)

38 CAL. (.357 DIAM.)

No. 658 - Full jacket round nose
180 grains (11.6 grams)

38 CAL. (.359 DIAM.)

No. 605 - Lead round nose
146 grains (9.5 grams)

44 CAL. (.430 DIAM.)

No. 577 - Soft point flat nose
240 grains (15.6 grams) Ⓣ

44 CAL. (.430 DIAM.)

No. 690 - Hollow point
236 grains (15.3 grams) Ⓣ

45 CAL. (.451 DIAM.)

No. 691 - Full jacket round nose
230 grains (14.9 grams) Ⓣ

45 CAL. (.451 DIAM.)

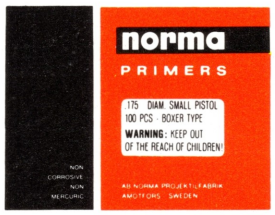
No. 692 - Hollow point
230 grains (14.9 grams) Ⓣ

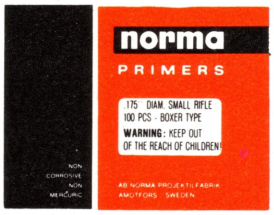
Ⓣ=Norma TRI-CLAD® bullet, a soft steel jacket covered with gilding metal or nickel alloy on both sides preventing corrosion and barrel wear.
*=Sold until stock exhausted.

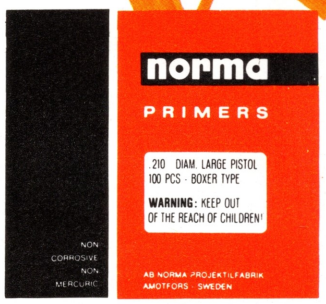
norma

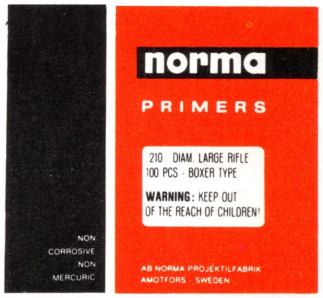
SUPERFLASH® PRIMERS

The Norma primer program consists of four types that cover the entire range of rifle and handgun ammunition, eliminating the necessity of a special magnum primer. Norma primers incorporate in every detail the most advanced metallurgical and chemical developments. They are non-corrosive and contain no mercury or abrasive ingredients that increase barrel wear.









SMALL PISTOL (SP)
175″ diameter, for revolver and automatic pistol cartridges.

SMALL RIFLE (SR)
175″ diameter, for small caliber rifle cartridges, such as 222, 30 US Carbine and others.

LARGE PISTOL (LP)
210″ diameter, for large caliber revolver and automatic cartridges.

LARGE RIFLE (LR)
210″ diameter, for rifle cartridges including magnums.

norma

RIFLE POWDERS

Canisters of 400 grams net.

NORMA 200
A fast-burning powder, for small capacity cartridge cases such as the 222, but also most excellent for use with light bullets and/or light loads in larger calibers.

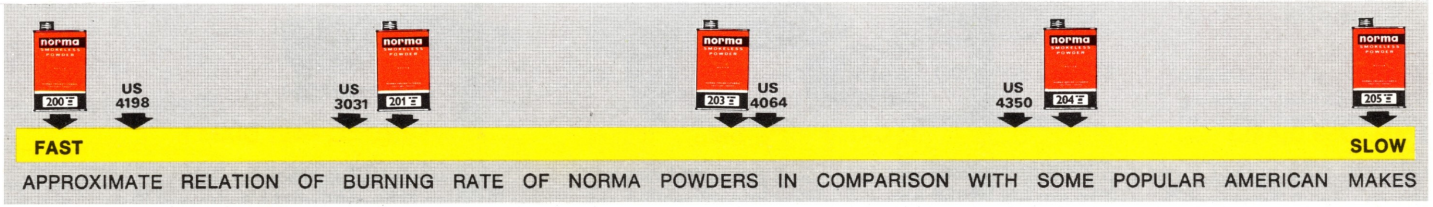
NORMA 201
Slower than the 200, used with the lighter bullets in medium-size cases, or with some big-caliber cartridges where there is a large bore volume to be filled up quickly by the expanding gases.

NORMA 203
The 203 is adjusted to fit the medium-sized cartridge types such as the 30-06, 303 British, European 7 and 8 MM's etc. unless light bullets necessitate a faster powder.

NORMA 204
A slow-burning powder, especially adapted for cartridges with a large case capacity and/or using heavy bullets in relation to the caliber.

NORMA 205
An exceptionally slow-burning, high-energy powder for highest velocity with large capacity cases. A must for Magnums.

For loading data, see the Norma "Gunbug's Guide" available from your ammunition dealer.



APPROXIMATE RELATION OF BURNING RATE OF NORMA POWDERS IN COMPARISON WITH SOME POPULAR AMERICAN MAKES

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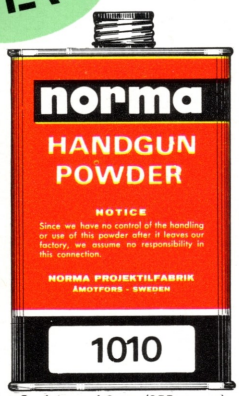
HANDGUN POWDERS

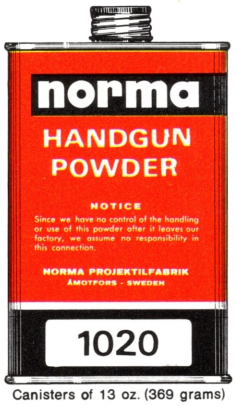
NEW


norma
HANDGUN POWDER
NOTICE
Since we have no control of the handling or use of this powder after it leaves our factory, we assume no responsibility in this connection.
NORMA PROJEKTILFABRIK
ÅMOTFORS - SWEDEN
1010

Canisters of 9 oz. (255 grams)

THE NORMA 1010

is a fast burning, easily ignited powder for revolver and pistol ammunition. It is produced from a double base composition and consequently it is virtually non-hygroscopic. As a result velocities and pressures show little change if the powder is exposed to very dry or damp conditions. The granules are of such a shape that they flow very freely in the powder measure thereby ensuring higher load to load uniformity.


norma
HANDGUN POWDER
NOTICE
Since we have no control of the handling or use of this powder after it leaves our factory, we assume no responsibility in this connection.
NORMA PROJEKTILFABRIK
ÅMOTFORS - SWEDEN
1020

Canisters of 13 oz. (369 grams)

THE NORMA 1020

is a slower burning powder especially designed for high velocity loads at economical charge weights in Magnum handgun calibers. Like Norma 1010 it is produced from a double base composition and thus is virtually non-hygroscopic. The small tubular granules have excellent flow properties and the powder is eminently suitable for use in powder measures.

LOADING DATA FOR HANDGUN CARTRIDGES WITH NORMA POWDER NO. 1010 AND 1020

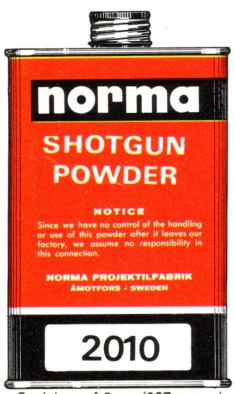
Caliber	Bullet style	Bullet index no.	Bullet weight grains	Bullet weight grams	Cartridge length inch	Cartridge length mm	Norma powder	Load grains	Load grams	Muzzle vel. f/sec	Muzzle vel. m/sec	Pressure psi	Pressure atm	Barrel length inch
38 Spec.	Lead wadcutter	558	148	9.6	1.16	29.5	1010	2.9	0.19	800	244	16600	1130	6.0
38 Spec.	Lead round nose	559	158	10.2	1.50	38.0	1010	4.1	0.26	870	265	15200	1032	6.0
38 Spec.	Full jacket semi wadc.	651	158	10.2	1.48	37.5	1010	4.6	0.30	900	274	18800	1283	6.0
357 Magn.	Soft point flat nose[1])	576	158	10.2	1.59	40.5	1020	12.2	0.79	1450	442	22600	1541	8¾
357 Magn.	Soft point flat nose[1])	576	158	10.2	1.59	40.5	1020	13.2	0.85	1575	480	29400	2000	8¾
357 Magn.	Soft point flat nose[1])	576	158	10.2	1.59	40.5	1020	14.0	0.91	1706	520	39700	2701	8¾
44 Magn.	Soft point flat nose[2])	577	240	15.6	1.61	41.0	1020	18.8	1.22	1675	511	31500	2143	18.5
44 Magn.	Soft point flat nose[2])	577	240	15.6	1.61	41.0	1020	19.1	1.24	1705[3])	520	39000	2654	18.5

[1]) Same loads give same ballistics with Norma 158 grain hollow point bullet.
[2]) Same loads give slightly higher velocities with Norma 236 grain hollow point bullet.
[3]) Special carbine load, do not use in revolvers.

NEW

norma

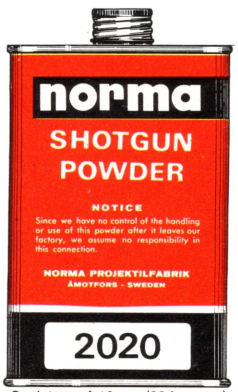
SHOTGUN POWDERS


norma
SHOTGUN POWDER
NOTICE
Since we have no control of the handling or use of this powder after it leaves our factory, we assume no responsibility in this connection.
NORMA PROJEKTILFABRIK
ÅMOTFORS - SWEDEN
2010

Canisters of 8 oz. (227 grams)

THE NORMA 2010

has been designed for light and standard shotshell loads and is especially suited for skeet and trap cartridges. It is a double base powder and is virtually non-hygroscopic. In addition it contains ingredients which reduce the gas temperature and consequently the barrel temperature and it is thus particularly easy on both the shell and the gun. The special method of manufacture employed gives granules with excellent flow properties, the thickness being such that they will not bind in the powder measure.


norma
SHOTGUN POWDER
NOTICE
Since we have no control of the handling or use of this powder after it leaves our factory, we assume no responsibility in this connection.
NORMA PROJEKTILFABRIK
ÅMOTFORS - SWEDEN
2020

Canisters of 10 oz. (284 grams)

THE NORMA 2020

is a slower burning powder specially designed for Magnum and hunting loads with a heavier shot charge. It is similar in composition and granule form to Norma 2010 and possesses all the excellent properties of the latter powder. Both powders are suitable for use in all climatic conditions.

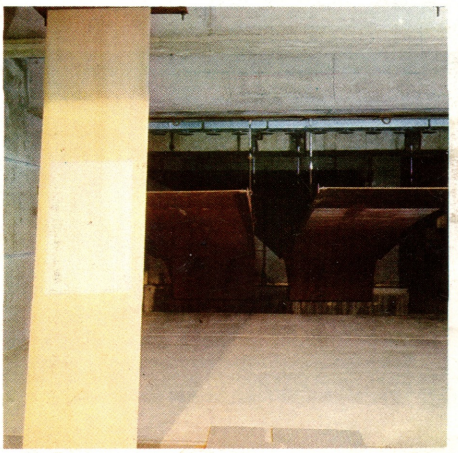
NEW NORMA FACTORY

The world's most modern ammunition factory has just started production in Åmotfors, Sweden. The picture shows part of the building with powder storage facilities on the roof. Suitable lots of powder are brought in from outside magazines and placed in these storage magazines for proper conditioning, – then fed down into the loading machines on the main floor.

Below: The new factory building has added useful space to Norma bullet production facilities.

Center: One of the several television-equipped testfiring ranges on the basement level. TV-monitor also shows target in the bullet production division on main floor.

Right: Target paper strip with projected screen is operated by push-button at firing points. Bullet stop is armour plate baffler above water ditch.



NORMA INFORMATION SERVICE

Catalogs and other printed information on Norma products are distributed to the trade and thousands of writers, hunters, target shooters and clubs all over the world, free of charge. A new book, printed in six languages and showing complete ballistics of the Norma program both in metric and English/American units is among the items to appear in near future. Contact the Norma representative in your country or write Norma, 670 40 Åmotfors, Sweden with your request for joining of the Norma information Service.

NEW

DISPLAY BOARD

WITH NORMA BULLETS AND CASES

At last! The Norma case and bullet display board so many have been asking for. A sturdy quality item, showing the entire export program of Norma cartridge cases and bullets. No explosive merchandise involved, the display can be shipped and hung anywhere. It will be a great help in dealer's stores, enabling the customer to see the Norma case or bullet he wants to obtain. The new display will also be a collector's delight, we have had thousands of requests for something along this line. Ask your dealer for further details on the Norma display board.

AB NORMA PROJEKTILFABRIK · 670 40 ÅMOTFORS · SWEDEN

Printed in Sweden Distr. enl. SFS/509/61

PALMEBLADS GÖTEBORG T-7088 1969 Endast för utlandet